

United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA00013SE

*This certificate, issued to*

**BLR Aerospace, LLC  
11002 29<sup>th</sup> Ave. West  
Everett, WA 98204**

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product—Type Certificate Number:* A20SO

*Make:* Piper

*Model:* PA-31

*Description of the Type Design Change:* Installation of vortex generators, stall fences, and strakes in accordance with Document AA1162, no revision, dated July 15, 1993, and Document AA1161, no revision, dated July 27, 1993, or later FAA-approved revisions.

*Limitations and Conditions:* Data pertaining to this modification are considered inadequate for other aircraft. This approval is limited to the installation in Model PA-31, Serial No. 31-7712003, only. A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft.

**Note:** This modification must be installed in combination with STC No. SA970SO.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* August 5, 1993

*Date reissued:* November 23, 2009; August 23, 2018

*Date of issuance:* August 10, 1993

*Date amended:*



*By direction of the Administrator*

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
Manager, Seattle ACO Branch  
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120). This certificate may be transferred in accordance with FAR 21.47.